INDEX

PAGE

BARNETT, I. A., Problems of the Calculus of Variations Invariant under a Continuous Group 49

BARROW, DAVID F., An Application of Fourier's Series to Probability. 96

BELL, E. T., Numerical Functions of $[x]$ 210

BRAHANA, H. R., A Proof of Petersen's Theorem 59

BURGESS, H. T., Solution of the Matrix Equation $X^{-1} - AX = N$.. 30

CARMICHAEL, R. D., Comparison Theorems for Homogeneous Linear Differential Equations of General Order 159

CURTISS, D. R., Recent Extensions of Descartes' Rule of Signs 251

DANIELL, P. J., A General Form of Integral 279

EISENHART, L. P., Surfaces which can be Generated in more than one way by the Motion of an Invariable Curve 217

FINE, HENRY B., Ratio, Proportion and Measurement in the Elements of Euclid 70

FINE, HENRY B., Note on a Substitute for Duhamel's Theorem 172

FISCHER, CHARLES ALBERT, Linear Functionals of N-Spreads 37

FORT, TOMLINSON, A Class of Developments in Orthogonal Functions. 231

GLENN, OLIVER E., Covariant Expansion of a Modular Form 201

GREEN, GABRIEL M., The Intersections of a Straight Line and Hyperquadric 207

GREEN, GABRIEL M., Plane Nets with Equal Invariants 246

GRONWALL, T. H., Elastic Stresses in an Infinite Solid with a Spherical Cavity 295

HEWES, L. I., Correction 43

IRWIN, FRANK, and WRIGHT, H. N., Some Properties of Polynomial Curves 152

JACKSON, DUNHAM, Roots and Singular Points of Semi-Analytic Functions 142

KEMPNER, AUBREY J., A Theorem on Lattice-Points 127

KLINE, JOHN ROBERT, A Definition of Sense on Closed Curves in Non-Metrical Plane Analysis Situs 185

MACMILLAN, W. D., A Reduction of Certain Differential Equations of the First Order 21

MACMILLAN, W. D., The Function $W = L(\tau)$ Defined as the Inverse of the Function $\tau = W - \log W$ 26

MILLER, G. A., Substitution Groups and Possible Arrangements of the Players at Card Tournaments 44
MOORE, C. L. E., Motions in Hyperspace 176
OSGOOD, WILLIAM F., Factorization of Analytic Functions of Several Variables 77
SIMON, WEBSTER G., A Formula of Polynomial Interpolation 242
SMITH, H. L., On Continuous Representations of a Square upon Itself 137
STETSON, J. M., Conjugate Systems of Curves on a Surface Both of Whose Laplace Transforms are Lines of Curvature 106
TAYLOR, J. S., Complete Existential Theory of Bernstein's Set of Four Postulates for Boolean Algebras 64
WEAVER, JAMES H., Some Properties of a Straight Line and Circle and their Associated Parabolas 174
WHITTEMORE, J. K., Minimal Surfaces Applicable to Surfaces of Revolution 1